NuTRoNS-2: Nucleonica Training on Nuclear Science

14-16 Nov. 2011 Monaco

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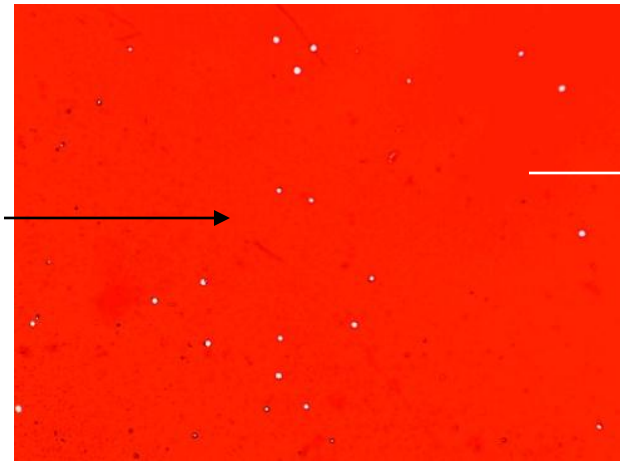
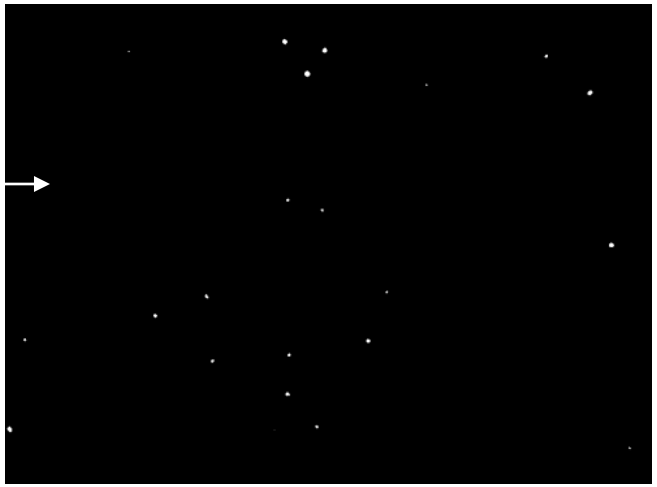
My Study Subject

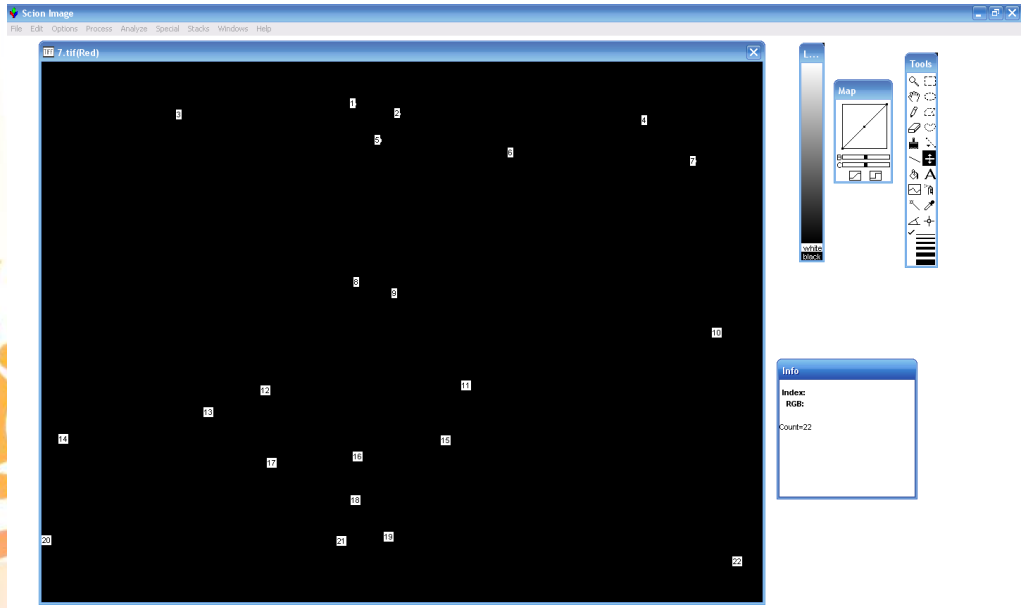
- Environmental Radon Measurements
  - ❖ Soil gas
  - ❖ Water (Thermal water, drinking water etc.)
  - ❖ Indoor air

-Indoor radon measurements

- LR 115 Type 2
- Semiautomatic track count method



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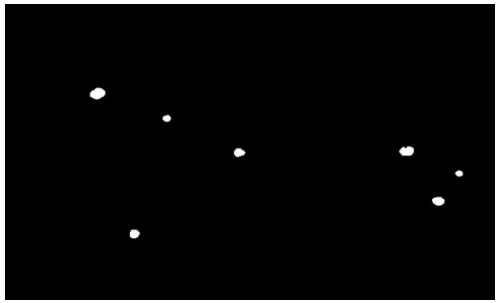
-Turkish Physical Society 28th International Physics Congress 6-9 September 2011

-MAGNIFICATION EFFECT ON TRACK DENSITY OF LR 115 DETECTORS (track cm^{-2} d^{-1} → Bq m^{-3})



DETECTOR	TRACK DENSITY(track $cm^{-2}d^{-1}$)			ACTIVITY (Bq m^{-3})		
	40X	100X	400X	40X	100X	400X
P21	1353	2243	2545	2.30	2.24	2.29

THANKS…